

Government Performance and Results Act

GPRA Program Activity	FY 2001 Program Change \$(000)	GPRA Consolidated Report Page Reference
Hazards	+11,085	7
Environment and Natural Resources	+70,918	14
Total	+82,003	

"As we enter the new millennium, I believe it is appropriate to reaffirm our commitment to the objectivity, impartiality, and integrity of our scientific programs...We should remind ourselves of our obligation as Federal employees to provide information that meets the highest standards...Honesty and integrity in all aspects of our scientific enterprise, maintaining our impartiality, and ensuring that our information and products are used to benefit the public as a whole must continue to be hallmarks of U.S. Geological Survey science....Each employee has a role in assuring the accuracy of data, interpretations, and products. Meeting our high quality standards requires that employees follow protocols, obtain appropriate reviews, and apply quality assurance procedures to eliminate any errors" Directors message to all USGS employees, December 1999

"The success of our strategic plan will depend on our ability to assign responsibility for progress, to measure that progress, and to hold appropriate people accountable with rewards for success and consequences when things don't measure up. In the broadest sense, each one of us is responsible and each one of us will be accountable." Directors message to all USGS employees, January 2000

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The USGS has two mission goals or GPRA Program Activities:

- Hazards and
- Environment and Natural Resources.

In the annual plans, performance targets are aggregated as a Bureau total for each of these GPRA Program Activities. Four budget activities — National Mapping Program; Geologic Hazards, Resources and Processes; Water Resources Investigations; and Biological Research — contribute directly to the aggregate. The Survey's remaining two budget activities — Science Support and Facilities — support all programmatic activities and their funding has been distributed on a *prorata* basis to the two GPRA Program Activities. In this budget request, the funding and performance contributions to FY 2001 targets are summarized for each budget activity as well as the funding initiatives in the tables that follow.

The FY 2001 safer communities/real-time hazards initiative will accelerate achievement of the Hazards long-term goal. Similarly, the initiatives that address issues related to people, wildlife, and the land and resources that support them will increase our contribution to the performance targets for the Environment and Natural Resources goal.

Along with the rest of the Interior bureaus, USGS has combined GPRA performance reporting and planning requirements into a single document to accompany the FY 2001 Budget. In the consolidated document (the buff colored pages in the back of this Budget Justification) we present an overview of what we have accomplished in FY 1999, what we plan to accomplish in the current fiscal year – FY 2000 – and what we propose to accomplish in FY 2001 with the budget resources we are requesting.

Budget Distributed to GPRA Program Activities

Budget Activity/Subactivity (\$000)	FY 2000 Enacted Appropriations Less Reductions			FY 2001 Pres Budget		
	Total	Hazards	Env & NR	Total	Hazards	Env & NR
National Mapping Program	126,717	7,950	118,767	155,282	7,950	147,332
Mapping Data Collection & Integration	56,330	5,250	51,080	67,327	5,250	62,077
Earth Science Info Management & Delivery	34,270	1,250	33,020	36,911	1,250	35,661
Geographic Research & Applications	36,117	1,450	34,667	51,044	1,450	49,594
Geologic Hazards, Resources, & Processes	211,222	84,108	127,114	224,809	90,200	134,609
Geologic Hazard Assessments	69,111	69,111	0	73,236	73,236	0
Geologic Landscape & Coastal Assessments	65,435	14,997	50,438	77,189	16,964	60,225
Geologic Resource Assessments	76,676	0	76,676	74,384	0	74,384
Water Resources Investigations	185,819	14,764	171,055	197,576	18,764	178,812
Water Resources Assessment & Research	91,037	0	91,037	90,355	0	90,355
Water Data Collect. & Management	29,167	4,190	24,977	39,275	8,190	31,085
Fed-State Coop Water Program	60,553	10,574	49,979	62,879	10,574	52,305
Water Resources Research Act Program	5,062	0	5,062	5,067	0	5,067
Biological Research	136,896	0	136,896	158,781	0	158,781
Biological Research & Monitoring	113,232	0	113,232	123,430	0	123,430
Biological Info. Management & Delivery	10,484	0	10,484	21,243	0	21,243
Cooperative Research Units	13,180	0	13,180	14,108	0	14,108
Programmatic Total	660,654	106,822	553,832	736,448	116,914	619,534
Science Support (prorated)	67,104	10,737	56,367	70,895	14,086	59,552
Facilities (prorated)	85,618	13,699	71,919	88,036	14,086	73,950
Appropriations Total (Not including supplementals)	813,376	131,258	682,118	895,379	142,343	753,036

Hazards GPRA Program Activity
FY 2001 Performance Targets Disaggregated by Budget Activity and Initiative

GPRA Program Activity	Hazards				
Performance Measure	Monitoring Networks Maintained	Risk Assessments Delivered	Real-time Streamgages (Cumulative)	Real-time Earthquake Sensors (Cum.)	Stakeholder Meetings
FY 98 Baseline	6	16	4,571	100	16
FY 99 Annual Performance—Actual	6	16	5,132	120	19
Performance Measure Change for FY 2000			Real-time streamgages on the Web 4,5000 baseline		
FY 00 Annual Target	6	10	4,700	200	13
FY 01 Annual Target	6	9	5,000	350	13
FY 01 Base Target by Budget Activity					
National Mapping Program	1	0	0	0	1
Geo Hazards, Resources, & Process	4	6	0	280	7
Water Resource Investigations	1	3	4,700	0	5
Biological Research	0	0	0	0	0
FY 01 Program Change increments by Initiative					
Safer Communities—Earthquakes				+70	
Safer Communities—Volcanoes	Enhance network				
Safer Communities—Floods			+300		
Livable—Accessible Data +0.32M of \$2.0M	Enhance network speed, security, and capacity				

Note: Our numeric targets are focused on completions of science such as risk assessments, systematic analyses, and decision support systems that are accessible and used by our customers. All targets include completions of long term projects funded in part by prior year monies. In the same way, funding initiatives such as those in FY 2001 include some long-term efforts the completion of which will not be achieved until outyears.

Program Change

Environment & Natural Resources GPRA Program Activity FY 2001 Performance Targets Disaggregated by Budget Activity and Initiative

GPRA Program Activity	Environment & Natural Resources				
Performance Measure	Long-term data collection & mgmt efforts maintained & improved & large data infrastructures supported	New systematic analyses & investigations delivered	Decision support systems or predictive models developed or improved & delivered to customers	University-based partnerships for natural systems analysis	Stakeholder Meetings
FY 98 Baseline	40	865	5	270	212
FY 99 Annual Performance—Actual	40	959	6	238	473
FY 00 Annual Target	46	995	6	248	438
FY 01 Annual Target	47	1077	9	258	459
FY 01 Base Target by Budget Activity					
National Mapping Program	9	0	1	0	26
Geologic Hazards, Resources, & Processes	23	21	1	0	27
Water Resources Investigations	4	200	1	56	300
Biological Research	10	796	1	192	84
Ecosystems	0	8	2	0	6
FY 01 Program Change increments by Initiative					
Offsets for uncontrollable costs		-24	-1		-2
Livable/Lands Legacy—DSS/communities +\$10.0M	Enhanced integration	+3	+1		
Livable/Lands Legacy—C/FIP +\$30.0M	Improve integration of long-term databases	Improve delivery to local communities	Improve DSS thru increased data holdings and better data integration		+6
Livable—Landsat +\$5.0M					+2
Livable—Accessible Data +\$1.68M of \$2.0M	Enhance network speed, security, and capacity				
Sustainable/Lands Legacy—DSS/Res Mgmt +\$10.0M	Improve integration of long-term databases		+1		
Sustainable—Aquatic Syst.—Columbia +\$4.0M	Augment data collection	0 (+8 in outyears)	0 (+2 in outyears)	0	+1
Sustainable—+\$1.3M—Great Lakes, Mojave, Yellowstone	+1	+1	+1	0	+5
Heritage—DOI Science +\$13.0M	0	+72	+1	0	+4
Heritage—Amphibians +\$2.0M		0 (+12 in outyears)			
Heritage—Coop Units +\$0.7M				+10	
Heritage—Fish & Wildlife Disease +\$1.0M		(+5 in outyears)			